GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:628
ANSWERED ON:10.05.2000
IRRIGATED LAND
SHEELA GAUTAM;SHIVRAJ SINGH CHOUHAN

Will the Minister of WATER RESOURCES be pleased to state:

(a) the total cultivable land in the country where irrigation facilities are fully available, State-wise;

(b) the total funds provided by the Union Government to each State Government to bring more cultivable land under irrigation, during each of the last three years;

(c) the percentage of cultivable land brought under the irrigation, during the above said period, State-wise;

(d) the funds spent by the Union Government to augment and harness the ground water during the period and the result thereof; and

(e) the steps taken by the Government to increase the percentage of irrigated land in those States which are lagging behind in achieving the national average of irrigation capacity?

Answer

THE MINISTER OF WATER RESOURCES (DR.C.P. THAKUR)

(a) to (e) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.628 TO BE ANSWERED IN SABHA ON 10.05.2000

(a) to (e) As per the Land Use Statistics brought out by the Ministry ofAgriculture for the year 1996-97 (latest) Total Cultivable Area of the country was 183.54 million hectares. At the end of the Eighth Five Year Plan (1996-97), utilisation of the Irrigation Potential created was 80.76 million hectares. During 1997-98 to 1999-2000, utilization of created irrigation potential is anticipated to have increased by 3.94 million hectares (provisional) which is 2.15 percent of the total cultivable area.

State-wise details of Utilised Irrigation Potential at the endof the Eighth Five Year Plan, the additional Utilised Potential during 1997-98 to 1999-2000 and its percentage with respect to the Total Cultivable Area are given at Annexure-I and the details of Plan funds allocated to the States to bring more cultivable land under irrigation through Major & Medium and Minor irrigation projects for each of the years 1997-98, 1998-99 and 1999-2000 are at Annexure-II.

The Central Sector Schemes for Ground water development mainly pertain to survey and investigation of ground water resources, research and training and other technical matters for which an amount of Rs. 139.56 crore (provisional) was spent during 1997-98 to 1999-2000 by the Ministry of Water Resources. In addition, Ministry of Rural Developmentalso operates " Million Wells Schemes", "Ganga Kalyan Yojana" (both merged at present under Swarnajayanti Gram Swarojgar Yojana) and "Accelerated Rural Water Supply Programme" under Rajiv Gandhi National Drinking Water Mission,which inter-alia provide funds for harnessing ground water for drinking purposes as the main component. The funds released under these schemes by the Central Government during 1997-98 to 1999-2000 are as under:

Funds released to States (Rs. in crore)

	1997-98	1998-99	1999-2000	Total
Million Wells Scheme	373.99	374.47	-	748.46

Ganga Kalyan Yojana	99.99	-	-	99.99
Swarnajayanti Gram Swarojgar Yojana	-	-	930.68	930.68
Accelerated Rural Water Supply Programme	1077.80	1372.24	1352.22	3802.26
Total	1551.78	1746.71	2282.90	5581.39

The Ground Water resource contributes about 50% of irrigation potential , 80% of rural water supply and over 50% of urban and industrial water supply.

Keeping in view the need to cover additional areas under irrigation, the Government has taken/proposed to take various policy and programme initiatives. These include revision of National Water Policy (1987), Command Area Development Programme, preparation of National Perspectives for transfer of water from surplus basins to water deficit areas, water management practices, promoting efficient and economic use of water for various purposes, emphasis on water conservation through various methods including use of latest technologies and peoples' participation in management of water for diverse uses. Besides, the Ninth Five Year Plan (1997-2002) has one of the strategies of irrigation development to complete all ongoing projects, particularly those which were started during pre-Fifth and Fifth Plan period as a time bound programme to yield benefits from the investments already made. In keeping with the strategy, the Accelerated Irrigation Benefits Programme (AIBP) launched by Government of India in 1996-97 for expeditious completion of selected ongoing projects is continued in the Ninth Plan. The revised funding pattern under AIBP with effect from 1999- 2000 is in the form of Central Loan Assistance (CLA) on 2:1 (Centre: State) basis for general category states and in 3:1 ratio for special category states of North-Eastern Region, hilly States of Jammu & Kashmir, Himachal Pradesh and Sikkim as well as for the drought prone Kalahandi, Bolangir, Koraput (KBK) districts of Orissa. Minor Irrigation Schemes of the special category States are also being given CLA on 3:1 (Centre:State) basis with effect from 1999-2000.

ANNEXURE - I

STATEWISE DETAILS OF TOTAL CULTIVABLE AREA AND UTILISED IRRIGATION POTENTIAL WITH RELATIVE PERCENTAGE

Sl. No.	Name of States	Figures in THOUSAND HECTARES Utilised irrigation potential (upto 96-97)	Total Cultivable Area	% of col. (5) over col. (4) (1996-97) Additional Utilised potential during 1997-2000					
1	Andhra Pradesh	5570.96	15793	466.39	2.95	1051.14	208.63	712.67	115.12	790.70	148.11
2	Arunachal Pr.	65.54	293	6.61	2.26	0.34	22.14	0.49	27.18	0.36	21.86
3	Assam	622.62	3257	9.24	0.28	45.91	65.78	21.46	83.12	45.91	76.68
4	Bihar	6897.90	10884	122.15	1.12	680.00	64.00	366.23	65.91	442.00	109.00
5	Goa	29.84	197	2.52	1.28	57.70	4.50	35.80	3.55	69.37	12.50
6	Gujarat	3039.62	12361	80.12	0.65	1580.00	237.30	1187.63	171.37	1185.13	217.30
7	Haryana	3365.24	3779	37.21	0.98	490.00	60.00	329.69	60.93	450.44	61.97
8	Himachal Pr.	134.01	805	6.63	0.82	16.85	54.83	10.00	35.09	12.25	47.41
9	J & K	508.73	1051	13.99	1.33	68.46	45.67	39.60	29.58	83.60	39.63
10	Karnataka	2960.41	12903	190.41	1.48	1641.09	124.62	1023.44	85.15	1481.69	125.37
11	Kerala	1001.80	2445	125.45	5.13	159.72	46.00	148.10	46.55	143.00	51.00
12	Madhya Pradesh	4042.97	22776	86.70	0.38	463.42	181.18	262.61	218.95	424.49	222.19
13	Maharashtra	3628.80	21167	614.30	2.90	3449.00	378.62	2245.02	401.15	2627.99	366.26
14	Manipur	103.19	164	22.20	13.54	60.00	18.00	50.00	7.00	55.00	10.50
15	Meghalaya	39.47	1082	5.73	0.53	6.00	11.00	1.50	8.00	4.50	10.00
16	Mizoram	11.22	446	1.26	0.28	0.05	6.95	0.05	2.80	0.05	6.28
17	Nagaland	57.93	614	5.00	0.81	0.04	4.27	0.80	2.73	0.04	4.27
18	Orissa	2669.71	7975	363.21	4.55	520.30	115.44	585.60	71.40	602.81	92.96
19	Punjab	5748.46	4250	81.13	1.91	124.96	41.21	76.98	34.55	60.89	34.27
20	Rajasthan	4425.17	25695	192.56	0.75	491.72	86.08	374.19	43.08	492.46	70.00
21	Sikkim	20.59	114	2.18	1.91	0.00	20.00	0.00	2.56	0.00	2.14
22	Tamil Nadu	3656.85	8314	8.31	0.10	337.44	41.21	257.55	63.36	249.30	72.42
23	Tripura	86.33	310	11.65	3.76	7.92	65.13	6.98	23.32	19.30	30.74
24	Uttar Pradesh	28049.00	20832	1050.91	5.04	845.00	106.79	470.00	112.86	660.00	125.02
25	West Bengal	3909.42	5834	433.44	7.43	126.25	96.58	155.00	76.65	119.00	89.65
Total -STATES		80645.78	183341	3939.30	2.15	12223.312	105.93	8361.39	1791.96	10020.28	2047.53
Total -UTs		113.36	205	3.80	1.85	1.04	15.12	1.52	7.24	3.75	9.67

GRAND TOTAL 80759.14 183546 3943.10 2.15 12224.35 2121.05 8362.91 1799.20 10024.03 2057.20

ANNEXURE - II

PLAN FUNDS PROVIDED DURING 1997-98 TO 1999-2000 FOR IRRIGATION DEVELOPMENT (M&M + MI)

Sl. No.	STATES	PLAN OUTLAY IN RS. CRORE		
		1997-98	1998-99	1999-2000 TOTAL
1	Andhra Pradesh	827.79	938.81	1259.77 3026.37
2	Arunachal Pradesh	27.67	22.22	22.48 72.37
3	Assam	104.58	122.59	111.69 338.86
4	Bihar	432.14	551.00	744.00 1727.14
5	Goa	39.35	81.87	62.20 183.42
6	Gujarat	1359.00	1402.43	1817.30 4578.73
7	Haryana	390.62	512.41	550.00 1453.03
8	Himachal Pradesh	45.09	59.66	71.68 176.43
9	J & K	69.18	123.23	114.13 306.54
10	Karnataka	1108.59	1607.06	1765.71 4481.36
11	Kerala	194.65	194.00	205.72 594.37
12	Madhya Pradesh	481.56	646.68	644.60 1772.84
13	Maharashtra	2646.17	2994.25	3827.62 9468.04
14	Manipur	57.00	65.50	78.00 200.50
15	Meghalaya	9.50	14.50	17.00 41.00
16	Mizoram	2.85	6.33	7.00 16.18
17	Nagaland	3.53	4.31	4.31 12.15
18	Orissa	657.00	695.77	635.74 1988.51
19	Punjab	111.53	95.16	166.17 372.86
20	Rajasthan	417.27	562.46	577.80 1557.53
21	Sikkim	2.56	2.14	20.00 24.70
22	Tamil Nadu	320.91	321.72	378.65 1021.28
23	Tripura	30.30	50.04	73.05 153.39
24	Uttar Pradesh	582.86	785.02	951.79 2319.67
25	West Bengal	231.65	208.65	222.83 663.13
	Total -STATES	10153.35	12067.81	14329.24 36550.40
	Total -UTs	8.76	13.42	16.16 38.34
	GRAND TOTAL	10162.11	12081.23	14345.40 36588.74